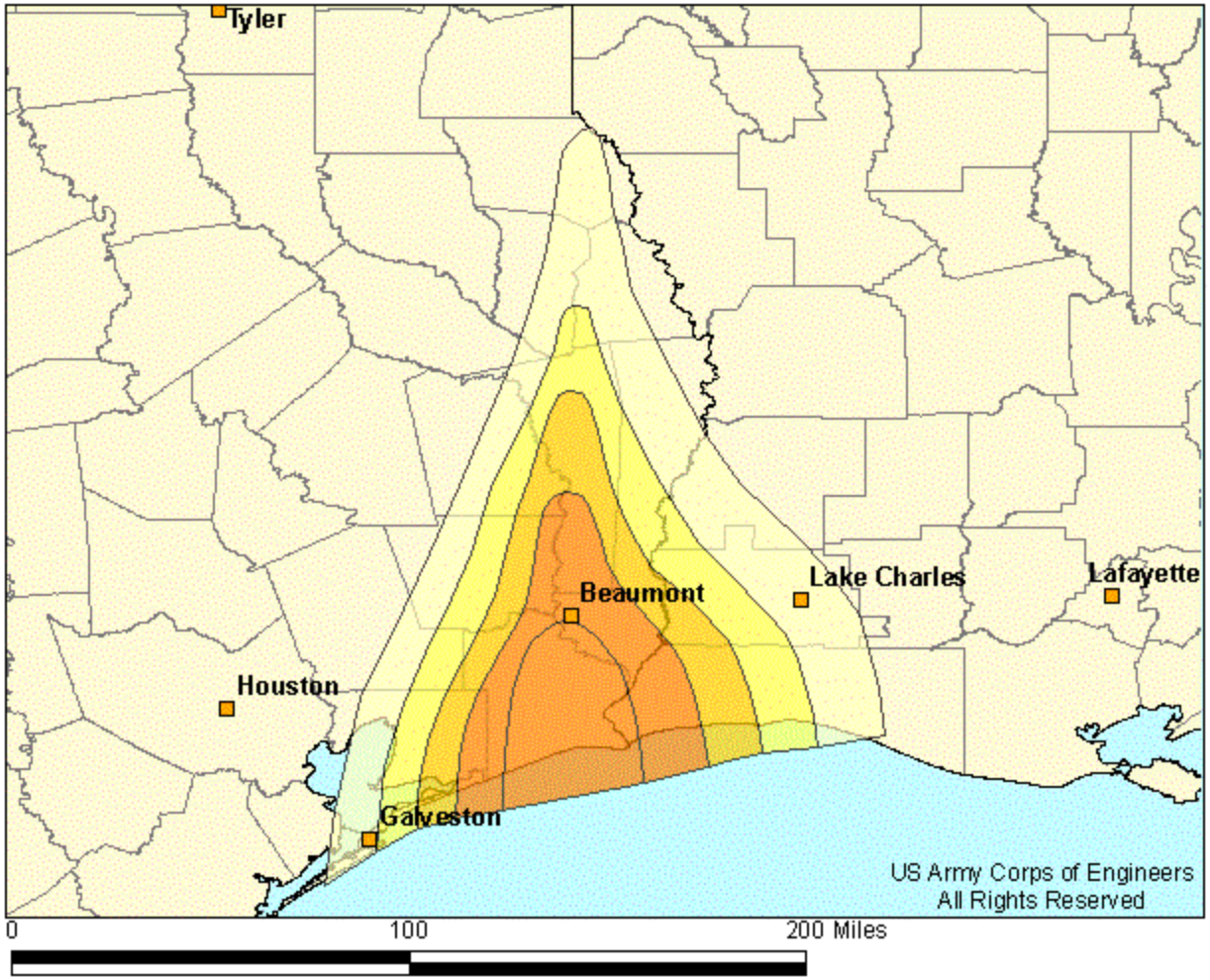
Hurricane NoName Projected Damage Areas

US Army Corps of Engineers

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

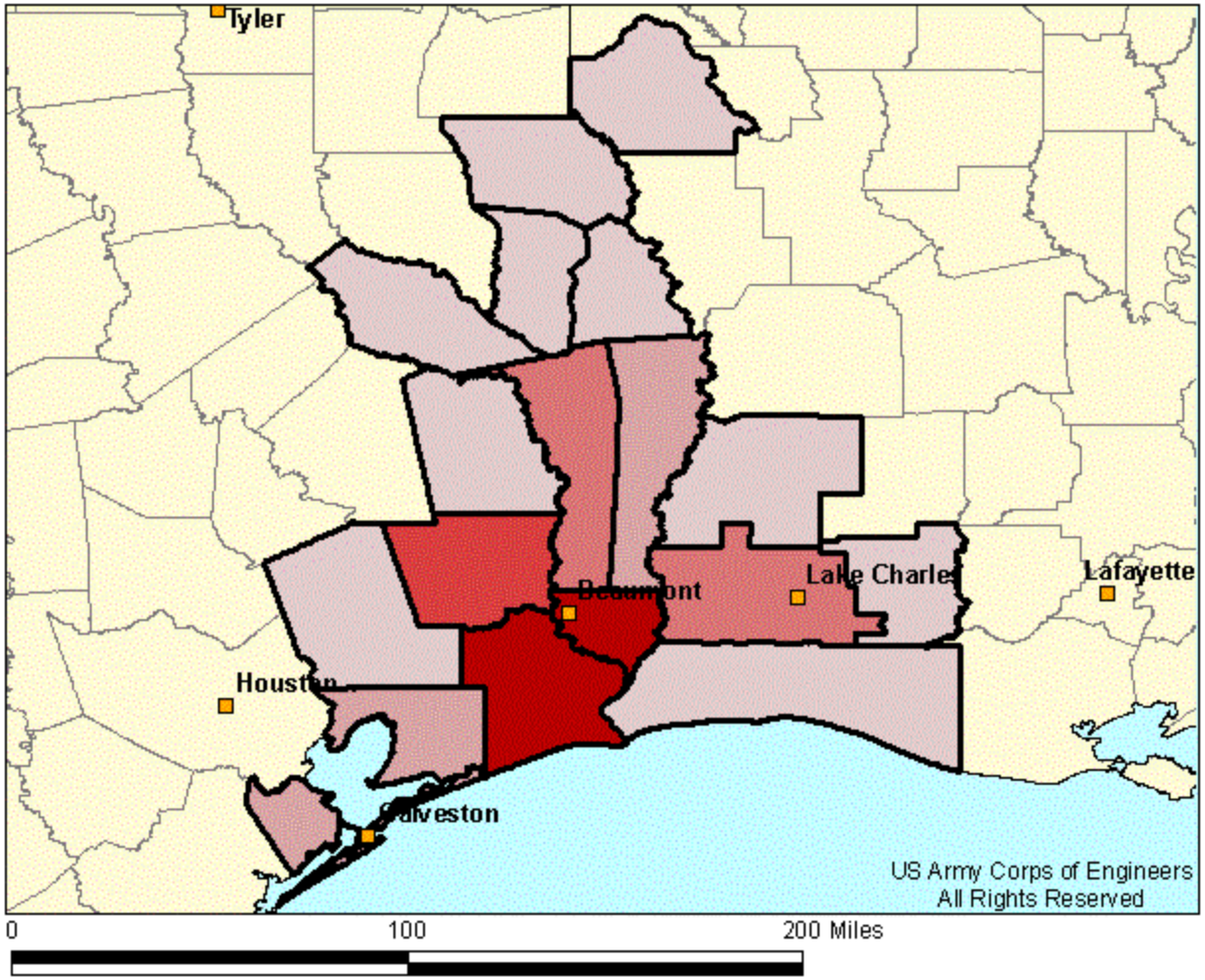
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 1230 EDT 06/15/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Texas - 10,494,000 Yards
Louisiana - 399,000 Yards

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Louisiana		Beauregard	14,000
		Calcasieu	313,000
		Cameron	72,000
		De Soto	< 1,000
		Jefferson Davis	< 1,000
Louisiana	399,000		
Texas		Angelina	< 1,000
		Chambers	166,000
		Galveston	171,000
		Hardin	660,000
		Jasper	483,000
		Jefferson	7,244,000
		Liberty	38,000
		Newton	105,000
		Orange	1,503,000
		Sabine	17,000
		San Augustine	13,000
		Shelby	10,000
		Tyler	84,000
Texas	10,494,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

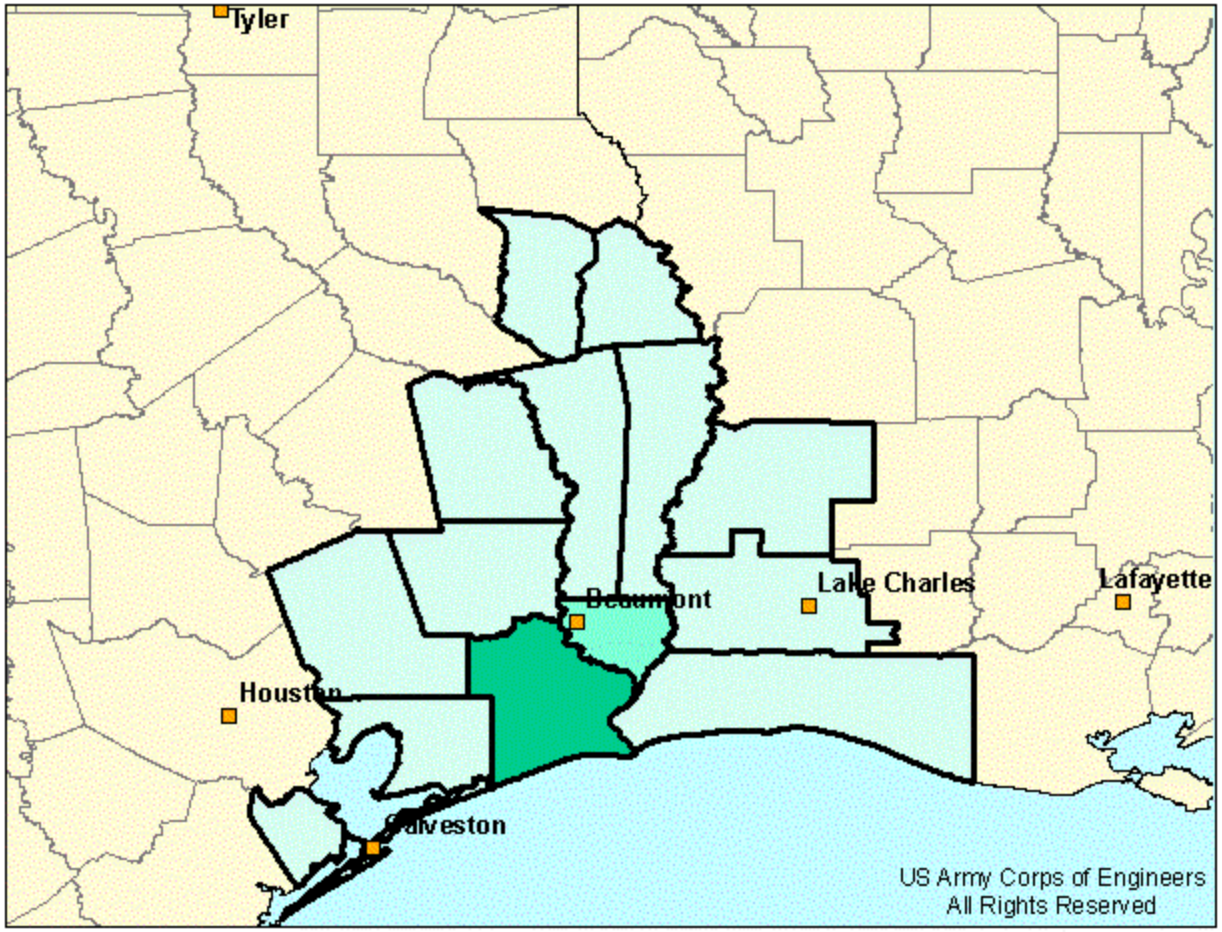
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
Texas – 10/19/37 Truckloads
Louisiana – 1/2/4 Truckloads

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC ***(1200 EDT 06/15/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model	
Generated By: Siemsen, LRL 1230 EDT 06/15/2008	
Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Louisiana		Beauregard	1
		Calcasieu	2
		Cameron	1
Louisiana	4		
Texas		Chambers	1
		Galveston	1
		Hardin	4
		Jasper	3
		Jefferson	17
		Liberty	1
		Newton	1
		Orange	6
		Sabine	1
		San Augustine	1
		Tyler	1
Texas	37		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Commodities Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Roofing Model

US Army Corps of Engineers

Landfall Expected In About 24 Hours

For Planning Purposes Only!

Post Landfall Temporary Roofing Model Results

Texas - 14,700
Louisiana - 300

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast. Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Roofing Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
Louisiana		Beauregard	< 100
		Calcasieu	300
		Cameron	< 100
Louisiana	300		
Texas		Chambers	300
		Galveston	200
		Hardin	1,200
		Jasper	800
		Jefferson	8,900
		Liberty	< 100
		Newton	200
		Orange	3,000
		Sabine	< 100
		San Augustine	< 100
		Tyler	100
Texas	14,700		

Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Roofing Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

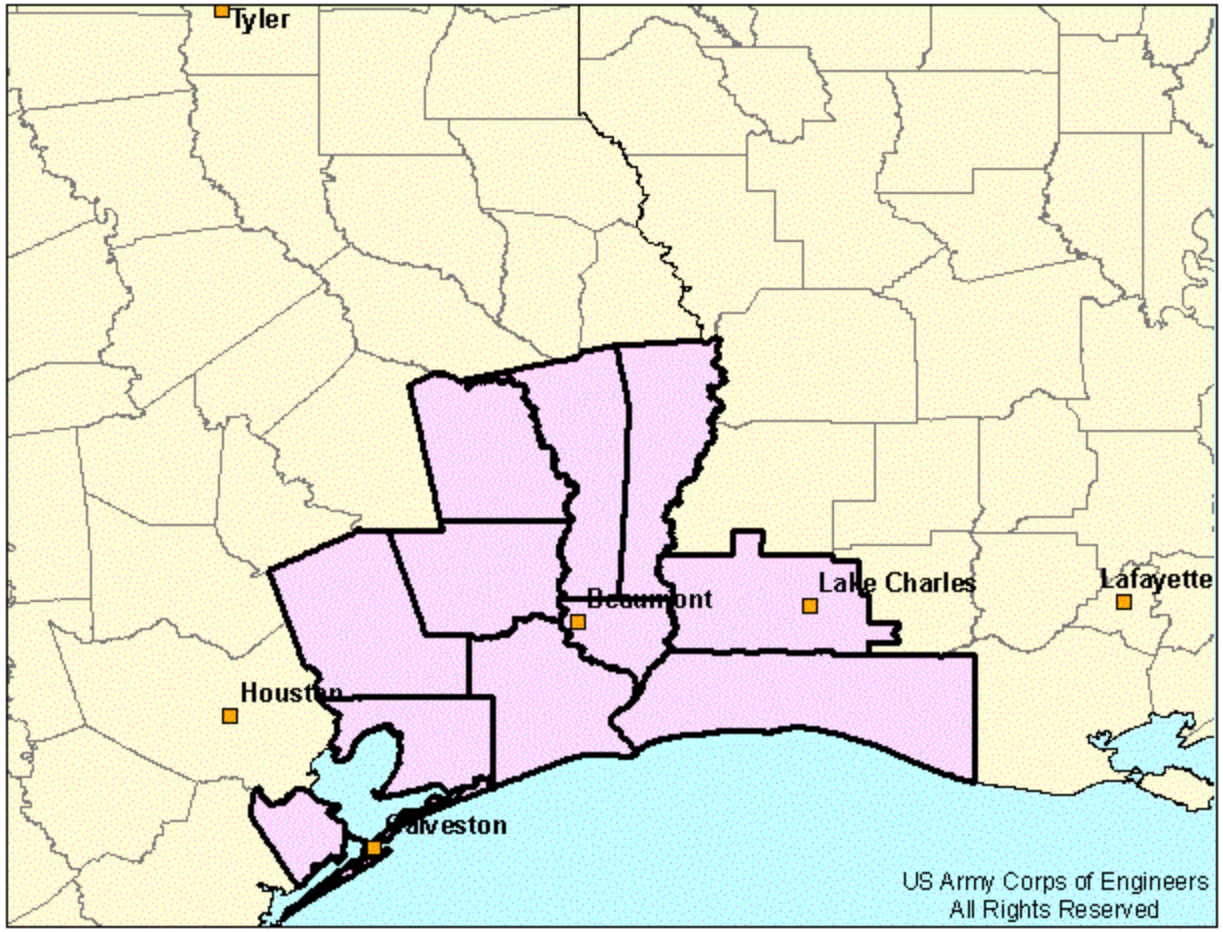
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Temporary Housing Model Results

Texas - 2,800

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast. Temporary housing is based on 1% in CAT 2 and 2% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Housing Model	
Generated By: Siemsen, LRL 1230 EDT 06/15/2008	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
Louisiana		Calcasieu	< 100
		Cameron	< 100
Louisiana			
Texas		Chambers	< 100
		Galveston	< 100
		Hardin	200
		Jasper	200
		Jefferson	1,800
		Liberty	< 100
		Newton	< 100
		Orange	600
		Tyler	< 100
Texas	2,800		

Temporary housing is based on 1% in CAT 2 and 2% in CAT 3.

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or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Housing Model

Generated By:
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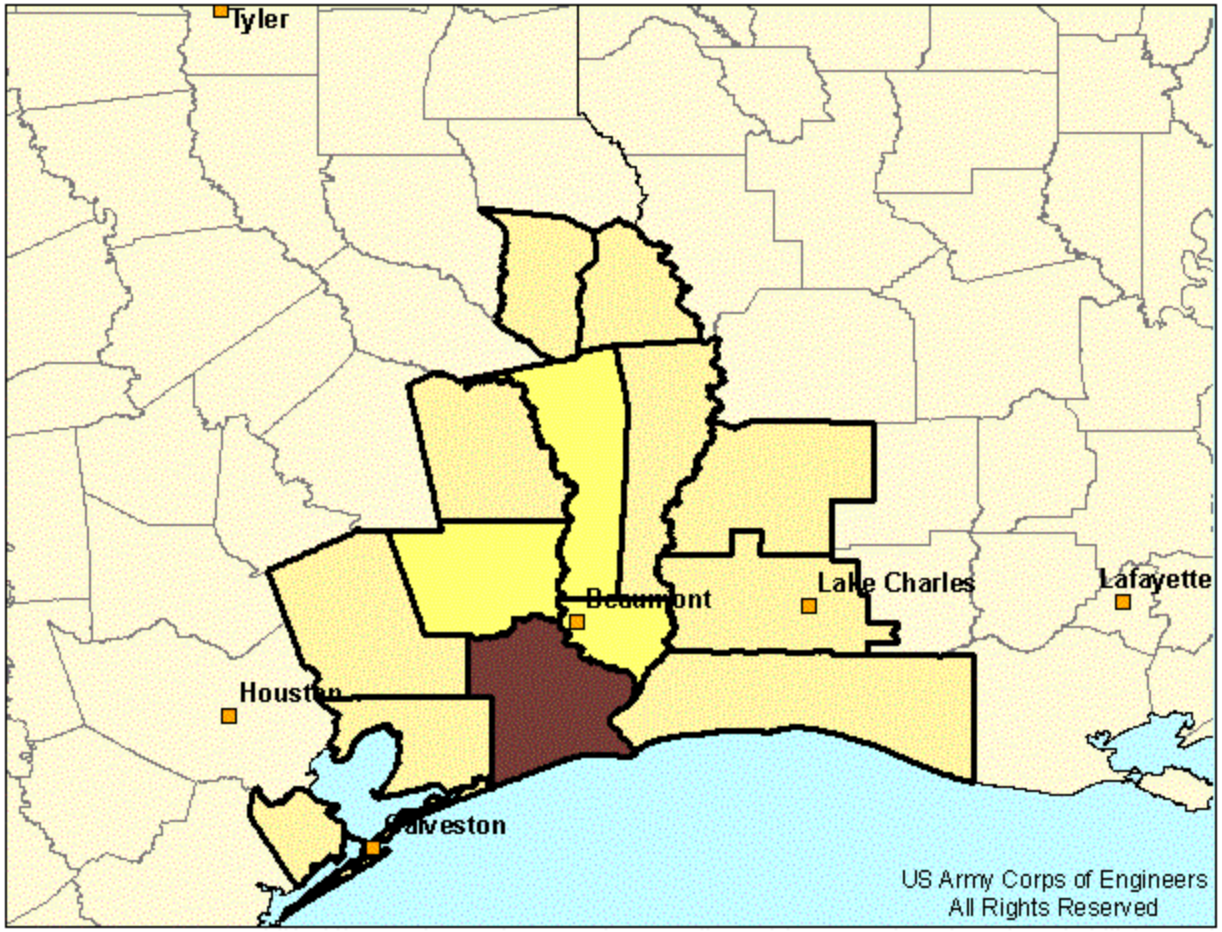
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

Texas - 441,000
Louisiana - 28,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Louisiana		Beauregard	< 1,000
		Calcasieu	24,000
		Cameron	4,000
Louisiana	28,000		
Texas		Chambers	13,000
		Galveston	5,000
		Hardin	46,000
		Jasper	33,000
		Jefferson	243,000
		Liberty	5,000
		Newton	7,000
		Orange	83,000
		Sabine	< 1,000
		San Augustine	< 1,000
		Tyler	6,000
Texas	441,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 1230 EDT 06/15/2008

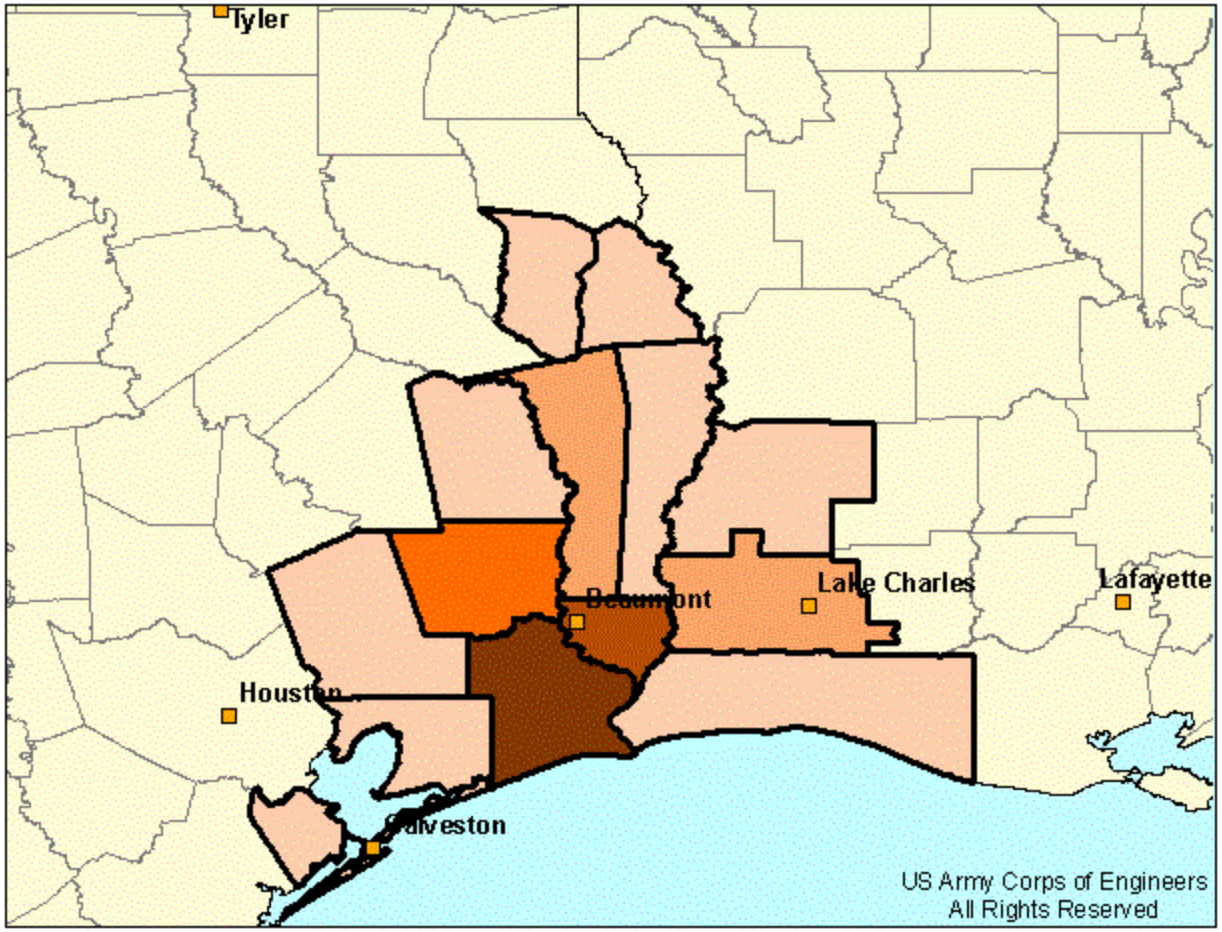
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Households Model Results

Texas - 167,000
Louisiana - 11,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Beaumont, TX.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Beaumont, TX. These projections are based on information from the NHC (1200 EDT 06/15/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane NoName Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Louisiana		Beauregard	< 1,000
		Calcasieu	9,000
		Cameron	2,000
Louisiana	11,000		
Texas		Chambers	5,000
		Galveston	3,000
		Hardin	17,000
		Jasper	13,000
		Jefferson	90,000
		Liberty	2,000
		Newton	3,000
		Orange	31,000
		Sabine	< 1,000
		San Augustine	< 1,000
		Tyler	3,000
Texas	167,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Households Model

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LRL-DEBRIS